Throw Distance（Aspect ratio horizontal：vertical →4：3）
PLC-XF1000/XF71/XF70
Throw Distance：unit（m,ft）

Type		On-Axis Short Fixed		On-Axis Short Fixed		On-Axis Short Fixed Lens		Short Zoom Lens				Short Zoom Lens				Short Zoom Lens				Short Zoom Lens			
Part Number		LNS-W07		LNS-W03		LNS-W01Z		LNS-W05				LNS-W06				LNS-W02Z				LNS-W04			
Zoom/Focus		Fixed/Manual		Fixed/Manual		Fixed/Manual		x1.4/Power				x1.3/Power				x1.3/Power				x1.3/Power			
Twin stack support		×		×		×		○				○				○				○			
Focal length(mm | inch)		21	0.83	30	1.18	45	1.77	36–50		1.42–1.97		46–58		1.81–2.68		52–68		2.05–2.68		58–76		2.28–2.99	
F value		2.5		2.6		2.5		2.0–2.6				2.3–2.8				2.5–2.9				1.7–2.3			
lens aperture (φmm | φinch)		145	5.71	175	6.89	175	6.89	130		5.12		140		5.51		114		4.49		122		4.80	
Lens weight(Kg | lbs)		3.1	6.83	3.1	6.83	5.7	12.56	3.0		6.61		3.0		6.61		2.2		4.85		2.8		6.17	
Projection light axis	H1:H2	–		1:1(Fixed)		8:1〜1:8(approx.)		–				8:1〜1.8(approx.)				8:1〜1.8(approx.)				8:1〜1.8(approx.)			
	W1:W2	–		1:1(Fixed)		3:2〜2:3(approx.)		–				1:1(Fixed)				3:2〜2:3(approx.)				3:2〜2:3(approx.)			
Throw Ratio		–		0.8:1		1.2:1		–				1.2–1.5:1				1.4–1.8:1				1.5–2.0:1			
		m	ft	m	ft	m	ft	m		ft		m		ft		m		ft		m		ft	
Inch	W(m) x H (m)	Fixed		Fixed		Fixed		Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele
40	0.8 x 0.6	Not available		0.60	1.97	0.91	2.98	Not available				0.9	1.2	3.0	3.8	1.1	1.4	3.5	4.7	1.1	1.6	3.8	5.1
50	1.0 x 0.8			0.77	2.51	1.16	3.80					1.2	1.5	3.8	4.9	1.4	1.8	4.5	5.9	1.5	2.0	4.8	6.5
60	1.2 x 0.9			0.93	3.06	1.41	4.61					1.4	1.8	4.6	5.9	1.6	2.2	5.4	7.1	1.8	2.4	5.9	7.9
70	1.4 x 1.1			1.10	3.61	1.65	5.43					1.6	2.1	5.4	7.0	1.9	2.6	6.4	8.4	2.1	2.8	6.9	9.2
80	1.6 x 1.2			1.27	4.15	1.90	6.24					1.9	2.4	6.2	8.0	2.2	2.9	7.3	9.6	2.4	3.2	8.0	10.6
90	1.8 x 1.4			1.43	4.70	2.15	7.06					2.1	2.8	7.0	9.0	2.5	3.3	8.3	10.8	2.8	3.7	9.0	12.0
100	2.0 x 1.5			1.60	5.25	2.40	7.87					2.4	3.1	7.8	10.1	2.8	3.7	9.2	12.1	3.1	4.1	10.1	13.4
110	2.2 x 1.7			1.77	5.79	2.65	8.69					2.6	3.4	8.6	11.1	3.1	4.1	10.2	13.3	3.4	4.5	11.1	14.7
120	2.4 x 1.8			1.93	6.34	2.90	9.50					2.9	3.7	9.4	12.2	3.4	4.4	11.1	14.6	3.7	4.9	12.2	16.1
130	2.6 x 2.0			2.10	6.89	3.14	10.32					3.1	4.0	10.2	13.2	3.7	4.8	12.1	15.8	4.0	5.3	13.3	17.5
140	2.8 x 2.1			2.27	7.43	3.39	11.13					3.3	4.3	11.0	14.2	4.0	5.2	13.0	17.0	4.4	5.8	14.3	18.9
150	3.0 x 2.3			2.43	7.98	3.64	11.95					3.6	4.7	11.8	15.3	4.3	5.6	14.0	18.3	4.7	6.2	15.4	20.3
160	3.3 x 2.4			2.60	8.53	3.89	12.76					3.8	5.0	12.6	16.3	4.5	5.9	14.9	19.5	5.0	6.6	16.4	21.6
170	3.5 x 2.6			2.77	9.07	4.14	13.58					4.1	5.3	13.4	17.4	4.8	6.3	15.9	20.7	5.3	7.0	17.5	23.0
180	3.7 x 2.7			2.93	9.62	4.39	14.39					4.3	5.6	14.2	18.4	5.1	6.7	16.8	22.0	5.6	7.4	18.5	24.4
190	3.9 x 2.9			3.10	10.17	4.63	15.21					4.6	5.9	15.0	19.4	5.4	7.1	17.8	23.2	6.0	7.9	19.6	25.8
200	4.1 x 3.0			3.27	10.71	4.88	16.02					4.8	6.2	15.8	20.5	5.7	7.5	18.7	24.5	6.3	8.3	20.6	27.1
210	4.3 x 3.2			3.43	11.26	5.13	16.84					5.1	6.6	16.6	21.5	6.0	7.8	19.7	25.7	6.6	8.7	21.7	28.5
220	4.5 x 3.4			3.60	11.81	5.38	17.65					5.3	6.9	17.4	22.6	6.3	8.2	20.6	26.9	6.9	9.1	22.7	29.9
230	4.7 x 3.5			3.77	12.36	5.63	18.46					5.5	7.2	18.2	23.6	6.6	8.6	21.6	28.2	7.3	9.5	23.8	31.3
240	4.9 x 3.7			3.93	12.90	5.88	19.28					5.8	7.5	19.0	24.6	6.9	9.0	22.5	29.4	7.6	10.0	24.9	32.7
250	5.1 x 3.8			4.10	13.45	6.12	20.09					6.0	7.8	19.8	25.7	7.2	9.3	23.5	30.6	7.9	10.4	25.9	34.0
260	5.3 x 4.0			4.27	14.00	6.37	20.91					6.3	8.1	20.6	26.7	7.4	9.7	24.4	31.9	8.2	10.8	27.0	35.4
270	5.5 x 4.1			4.43	14.54	6.62	21.72					6.5	8.5	21.4	27.8	7.7	10.1	25.4	33.1	8.5	11.2	28.0	36.8
280	5.7 x 4.3			4.60	15.09	6.87	22.54					6.8	8.8	22.2	28.8	8.0	10.5	26.3	34.4	8.9	11.6	29.1	38.2
290	5.9 x 4.4			4.77	15.64	7.12	23.35					7.0	9.1	23.0	29.8	8.3	10.8	27.3	35.6	9.2	12.1	30.1	39.5
300	6.1 x 4.6			4.93	16.18	7.37	24.17					7.3	9.4	23.8	30.9	8.6	11.2	28.2	36.8	9.5	12.5	31.2	40.9
310	6.3 x 4.7			5.10	16.73	7.61	24.98					7.5	9.7	24.6	31.9	8.9	11.6	29.2	38.1	9.8	12.9	32.2	42.3
320	6.5 x 4.9			5.27	17.28	7.86	25.80					7.7	10.0	25.4	33.0	9.2	12.0	30.1	39.3	10.1	13.3	33.3	43.7
330	6.7 x 5.0			5.43	17.82	8.11	26.61					8.0	10.4	26.2	34.0	9.5	12.4	31.1	40.5	10.5	13.7	34.3	45.1
340	6.9 x 5.2			5.60	18.37	8.36	27.43					8.2	10.7	27.0	35.0	9.8	12.7	32.0	41.8	10.8	14.2	35.4	46.4
350	7.1 x 5.3			5.77	18.92	8.61	28.24					8.5	11.0	27.8	36.1	10.1	13.1	33.0	43.0	11.1	14.6	36.5	47.8
360	7.3 x 5.5			5.93	19.46	8.86	29.06					8.7	11.3	28.6	37.1	10.3	13.5	33.9	44.3	11.4	15.0	37.5	49.2
370	7.5 x 5.6			6.10	20.01	9.10	29.87					9.0	11.6	29.4	38.2	10.6	13.9	34.9	45.5	11.8	15.4	38.6	50.6
380	7.7 x 5.8			6.27	20.56	9.35	30.69					9.2	12.0	30.2	39.2	10.9	14.2	35.8	46.7	12.1	15.8	39.6	51.9
390	7.9 x 5.9			6.43	21.10	9.60	31.50					9.4	12.3	31.0	40.2	11.2	14.6	36.8	48.0	12.4	16.3	40.7	53.3
400	8.1 x 6.1			6.60	21.65	9.85	32.32					9.7	12.6	31.8	41.3	11.5	15.0	37.7	49.2	12.7	16.7	41.7	54.7
410	8.3 x 6.2			6.77	22.20	10.10	33.13					9.9	12.9	32.6	42.3	11.8	15.4	38.7	50.4	13.0	17.1	42.8	56.1
420	8.5 x 6.4			6.93	22.74	10.35	33.95					10.2	13.2	33.4	43.4	12.1	15.8	39.6	51.7	13.4	17.5	43.8	57.5
430	8.7 x 6.6			7.10	23.29	10.59	34.76					10.4	13.5	34.2	44.4	12.4	16.1	40.6	52.9	13.7	17.9	44.9	58.8
440	8.9 x 6.7			7.27	23.84	10.84	35.58					10.7	13.9	35.0	45.4	12.7	16.5	41.5	54.2	14.0	18.4	45.9	60.2
450	9.1 x 6.9			7.43	24.38	11.09	36.39					10.9	14.2	35.8	46.5	13.0	16.9	42.5	55.4	14.3	18.8	47.0	61.6
460	9.3 x 7.0			7.60	24.93	11.34	37.20					11.2	14.5	36.6	47.5	13.2	17.3	43.4	56.6	14.6	19.2	48.1	63.0
470	9.6 x 7.2			7.77	25.48	11.59	38.02					11.4	14.8	37.4	48.6	13.5	17.6	44.4	57.9	15.0	19.6	49.1	64.3
480	9.8 x 7.3			7.93	26.02	11.84	38.83					11.6	15.1	38.2	49.6	13.8	18.0	45.3	59.1	15.3	20.0	50.2	65.7
490	10.0 x 7.5			8.10	26.57	12.08	39.65					11.9	15.4	39.0	50.7	14.1	18.4	46.3	60.3	15.6	20.5	51.2	67.1
500	10.2 x 7.6			8.27	27.12	12.33	40.46					12.1	15.8	39.8	51.7	14.4	18.8	47.2	61.6	15.9	20.9	52.3	68.5
510	10.4 x 7.8			8.43	27.67	12.58	41.28					12.4	16.1	40.6	52.7	14.7	19.1	48.2	62.8	16.3	21.3	53.3	69.9
520	10.6 x 7.9			8.60	28.21	12.83	42.09					12.6	16.4	41.4	53.8	15.0	19.5	49.2	64.1	16.6	21.7	54.4	71.2
530	10.8 x 8.1			8.77	28.76	13.08	42.91					12.9	16.7	42.2	54.8	15.3	19.9	50.1	65.3	16.9	22.1	55.4	72.6
540	11.0 x 8.2			8.93	29.31	13.33	43.72					13.1	17.0	43.0	55.9	15.6	20.3	51.1	66.5	17.2	22.5	56.5	74.0
550	11.2 x 8.4			9.10	29.85	13.58	44.54					13.3	17.3	43.8	56.9	15.9	20.7	52.0	67.8	17.5	23.0	57.5	75.4
560	11.4 x 8.5			9.27	30.40	13.82	45.35					13.6	17.7	44.6	57.9	16.1	21.0	53.0	69.0	17.9	23.4	58.6	76.7
570	11.6 x 8.7			9.43	30.95	14.07	46.17					13.8	18.0	45.4	59.0	16.4	21.4	53.9	70.2	18.2	23.8	59.7	78.1
580	11.8 x 8.8			9.60	31.49	14.32	46.98					14.1	18.3	46.2	60.0	16.7	21.8	54.9	71.5	18.5	24.2	60.7	79.5
590	12.0 x 9.0			9.77	32.04	14.57	47.80					14.3	18.6	47.0	61.1	17.0	22.2	55.8	72.7	18.8	24.6	61.8	80.9
600	12.2 x 9.1			9.93	32.59	14.82	48.61					14.6	18.9	47.8	62.1	17.3	22.5	56.8	74.0	19.1	25.1	62.8	82.2

Type		Standard Zoom Lens				Standard Zoom Lens				Standard Zoom Lens				Semi Long Zoom Lens				Long Zoom Lens				Long Fixed Lens		Urtra Long Zoom Lens			
Part Number		LNS-S01A				LNS-S02Z				LNS-S03				LNS-M01Z				LNS-T02				LNS-T01Z		LNS-T03			
Zoom/Focus		x1.6/Power				x1.3/Power				x1.3/Power				x1.3/Power				x1.4/Power				Fixed/Manual		x1.4/Power			
Twin stack support		○				○				○				○				○				○		○			
Focal length(mm | inch)		67–108		2.64–4.25		76–98		2.99–3.86		97–131		3.82–5.16		125–162		4.92–6.38		158–221		6.22–8.70		253	9.96	224–325		8.82–12.80	
F value		2.6–3.5				2.0–2.3				1.7–2.6				2.0–2.6				2.0–2.9				2.0		2.2–2.5			
lens aperture (φmm | φinch)		95		3.74		116		4.57		137		5.39		95		3.74		130		5.12		158	6.22	169		6.65	
Lens weight(Kg | lbs)		1.7		3.74		1.8		3.96		3.7		8.15		1.9		4.19		3.1		6.83		3.8	8.37	7.3		16.08	
Projection light axis	H1:H2	10:0〜0:10(approx.)				10:0〜0:10(approx.)				8:1〜1.8(approx.)				8:1〜1.8(approx.)				8:1〜1.8(approx.)				–		8:1〜1.8(approx.)			
	W1:W2	3:2〜2:3(approx.)				3:2〜2:3(approx.)				3:2〜2:3(approx.)				3:2〜2:3(approx.)				3:2〜2:3(approx.)				–		3:2〜2:3(approx.)			
Throw Ratio		1.8–2.9:1				2.0–2.6:1				2.0–2.6:1				3.5–4.5:1				4.4–6.2:1				–		6.3–9.0:1			
		m		ft		m		ft		m		ft		m		ft		m		ft		m	ft	m		ft	
Inch	W(m) x H (m)	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Wide	Tele	Fixed		Wide	Tele	Wide	Tele
40	0.8 x 0.6	1.4	2.3	4.6	7.6	1.5	2.0	4.8	6.5	–	–	–	–	2.9	3.7	9.4	12.1	3.7	5.1	12.3	16.8	Not available		5.3	7.6	17.3	24.8
50	1.0 x 0.8	1.8	2.9	5.9	9.5	1.9	2.5	6.2	8.3	–	–	–	–	3.6	4.6	11.7	15.0	4.6	6.3	15.2	20.8			6.5	9.4	21.3	30.8
60	1.2 x 0.9	2.2	3.5	7.1	11.5	2.3	3.1	7.6	10.1	–	–	–	–	4.3	5.5	14.0	18.0	5.5	7.6	18.0	24.9			7.7	11.2	25.4	36.7
70	1.4 x 1.1	2.5	4.1	8.3	13.5	2.7	3.6	9.0	11.9	–	–	–	–	4.9	6.4	16.2	20.9	6.4	8.8	20.9	28.9			9.0	13.0	29.4	42.6
80	1.6 x 1.2	2.9	4.7	9.5	15.4	3.2	4.2	10.4	13.7	–	–	–	–	5.6	7.3	18.5	23.9	7.3	10.0	23.8	33.0			10.2	14.8	33.4	48.6
90	1.8 x 1.4	3.3	5.3	10.8	17.4	3.6	4.7	11.7	15.5	–	–	–	–	6.3	8.2	20.8	26.8	8.1	11.3	26.7	37.0			11.4	16.6	37.5	54.5
100	2.0 x 1.5	3.7	5.9	12.0	19.3	4.0	5.3	13.1	17.3	5.2	7.1	17.1	23.3	7.0	9.1	23.1	29.8	9.0	12.5	29.6	41.1			12.6	18.4	41.5	60.4
110	2.2 x 1.7	4.0	6.5	13.2	21.3	4.4	5.8	14.5	19.1	5.8	7.8	18.9	25.7	7.7	10.0	25.3	32.7	9.9	13.7	32.5	45.1			13.9	20.2	45.5	66.3
120	2.4 x 1.8	4.4	7.1	14.4	23.3	4.8	6.4	15.9	20.9	6.3	8.6	20.6	28.1	8.4	10.9	27.6	35.7	10.8	15.0	35.4	49.2			15.1	22.0	49.6	72.3
130	2.6 x 2.0	4.8	7.7	15.6	25.2	5.3	6.9	17.3	22.7	6.8	9.3	22.4	30.4	9.1	11.8	29.9	38.6	11.7	16.2	38.3	53.2			16.3	23.8	53.6	78.2
140	2.8 x 2.1	5.1	8.3	16.9	27.2	5.7	7.5	18.6	24.5	7.4	10.0	24.2	32.8	9.8	12.7	32.2	41.6	12.5	17.4	41.1	57.2			17.6	25.6	57.6	84.1
150	3.0 x 2.3	5.5	8.9	18.1	29.1	6.1	8.0	20.0	26.2	7.9	10.7	26.0	35.2	10.5	13.6	34.5	44.5	13.4	18.7	44.0	61.3			18.8	27.4	61.7	90.1
160	3.3 x 2.4	5.9	9.5	19.3	31.1	6.5	8.5	21.4	28.0	8.5	11.5	27.7	37.6	11.2	14.5	36.7	47.5	14.3	19.9	46.9	65.3			20.0	29.3	65.7	96.0
170	3.5 x 2.6	6.3	10.1	20.5	33.0	6.9	9.1	22.8	29.8	9.0	12.2	29.5	40.0	11.9	15.4	39.0	50.4	15.2	21.2	49.8	69.4			21.3	31.1	69.7	101.9
180	3.7 x 2.7	6.6	10.7	21.8	35.0	7.4	9.6	24.2	31.6	9.5	12.9	31.3	42.3	12.6	16.3	41.3	53.4	16.1	22.4	52.7	73.4			22.5	32.9	73.8	107.8
190	3.9 x 2.9	7.0	11.3	23.0	37.0	7.8	10.2	25.6	33.4	10.1	13.6	33.0	44.7	13.3	17.2	43.6	56.3	16.9	23.6	55.6	77.5			23.7	34.7	77.8	113.8
200	4.1 x 3.0	7.4	11.9	24.2	38.9	8.2	10.7	26.9	35.2	10.6	14.4	34.8	47.1	14.0	18.1	45.8	59.3	17.8	24.9	58.5	81.5			24.9	36.5	81.8	119.7
210	4.3 x 3.2	7.8	12.5	25.4	40.9	8.6	11.3	28.3	37.0	11.1	15.1	36.6	49.5	14.7	19.0	48.1	62.2	18.7	26.1	61.3	85.6			26.2	38.3	85.9	125.6
220	4.5 x 3.4	8.1	13.1	26.7	42.8	9.1	11.8	29.7	38.8	11.7	15.8	38.3	51.9	15.4	19.9	50.4	65.2	19.6	27.3	64.2	89.6			27.4	40.1	89.9	131.6
230	4.7 x 3.5	8.5	13.7	27.9	44.8	9.5	12.4	31.1	40.6	12.2	16.5	40.1	54.3	16.1	20.8	52.7	68.1	20.5	28.6	67.1	93.7			28.6	41.9	93.9	137.5
240	4.9 x 3.7	8.9	14.3	29.1	46.8	9.9	12.9	32.5	42.4	12.8	17.3	41.9	56.6	16.8	21.7	55.0	71.0	21.3	29.8	70.0	97.7			29.9	43.7	98.0	143.4
250	5.1 x 3.8	9.2	14.8	30.3	48.7	10.3	13.5	33.8	44.2	13.3	18.0	43.6	59.0	17.4	22.6	57.2	74.0	22.2	31.0	72.9	101.8			31.1	45.5	102.0	149.3
260	5.3 x 4.0	9.6	15.4	31.6	50.7	10.7	14.0	35.2	46.0	13.8	18.7	45.4	61.4	18.1	23.5	59.5	76.9	23.1	32.3	75.8	105.8			32.3	47.3	106.0	155.3
270	5.5 x 4.1	10.0	16.0	32.8	52.6	11.2	14.6	36.6	47.8	14.4	19.4	47.2	63.8	18.8	24.4	61.8	79.9	24.0	33.5	78.7	109.9			33.5	49.1	110.1	161.2
280	5.7 x 4.3	10.4	16.6	34.0	54.6	11.6	15.1	38.0	49.6	14.9	20.2	49.0	66.2	19.5	25.3	64.1	82.8	24.9	34.7	81.6	113.9			34.8	50.9	114.1	167.1
290	5.9 x 4.4	10.7	17.2	35.2	56.5	12.0	15.7	39.4	51.4	15.5	20.9	50.7	68.6	20.2	26.1	66.4	85.8	25.7	36.0	84.4	118.0			36.0	52.7	118.1	173.1
300	6.1 x 4.6	11.1	17.8	36.5	58.5	12.4	16.2	40.7	53.2	16.0	21.6	52.5	70.9	20.9	27.0	68.6	88.7	26.6	37.2	87.3	122.0			37.2	54.6	122.2	179.0
310	6.3 x 4.7	11.5	18.4	37.7	60.5	12.8	16.7	42.1	55.0	16.5	22.3	54.3	73.3	21.6	27.9	70.9	91.7	27.5	38.4	90.2	126.1			38.5	56.4	126.2	184.9
320	6.5 x 4.9	11.9	19.0	38.9	62.4	13.3	17.3	43.5	56.7	17.1	23.1	56.0	75.7	22.3	28.8	73.2	94.6	28.4	39.7	93.1	130.1			39.7	58.2	130.2	190.8
330	6.7 x 5.0	12.2	19.6	40.1	64.4	13.7	17.8	44.9	58.5	17.6	23.8	57.8	78.1	23.0	29.7	75.5	97.6	29.3	40.9	96.0	134.2			40.9	60.0	134.3	196.8
340	6.9 x 5.2	12.6	20.2	41.3	66.3	14.1	18.4	46.3	60.3	18.2	24.5	59.6	80.5	23.7	30.6	77.7	100.5	30.1	42.1	98.9	138.2			42.2	61.8	138.3	202.7
350	7.1 x 5.3	13.0	20.8	42.6	68.3	14.5	18.9	47.6	62.1	18.7	25.3	61.3	82.8	24.4	31.5	80.0	103.5	31.0	43.4	101.8	142.3			43.4	63.6	142.3	208.6
360	7.3 x 5.5	13.3	21.4	43.8	70.3	14.9	19.5	49.0	63.9	19.2	26.0	63.1	85.2	25.1	32.4	82.3	106.4	31.9	44.6	104.6	146.3			44.6	65.4	146.4	214.6
370	7.5 x 5.6	13.7	22.0	45.0	72.2	15.4	20.0	50.4	65.7	19.8	26.7	64.9	87.6	25.8	33.3	84.6	109.4	32.8	45.8	107.5	150.4			45.8	67.2	150.4	220.5
380	7.7 x 5.8	14.1	22.6	46.2	74.2	15.8	20.6	51.8	67.5	20.3	27.4	66.6	90.0	26.5	34.2	86.9	112.3	33.7	47.1	110.4	154.4			47.1	69.0	154.4	226.4
390	7.9 x 5.9	14.5	23.2	47.5	76.1	16.2	21.1	53.2	69.3	20.9	28.2	68.4	92.4	27.2	35.1	89.1	115.3	34.5	48.3	113.3	158.5			48.3	70.8	158.5	232.3
400	8.1 x 6.1	14.8	23.8	48.7	78.1	16.6	21.7	54.5	71.1	21.4	28.9	70.2	94.8	27.9	36.0	91.4	118.2	35.4	49.5	116.2	162.5			49.5	72.6	162.5	238.3
410	8.3 x 6.2	15.2	24.4	49.9	80.1	17.0	22.2	55.9	72.9	21.9	29.6	71.9	97.1	28.6	36.9	93.7	121.2	36.3	50.8	119.1	166.6			50.8	74.4	166.5	244.2
420	8.5 x 6.4	15.6	25.0	51.1	82.0	17.5	22.8	57.3	74.7	22.5	30.3	73.7	99.5	29.3	37.8	96.0	124.1	37.2	52.0	122.0	170.6			52.0	76.2	170.6	250.1
430	8.7 x 6.6	16.0	25.6	52.4	84.0	17.9	23.3	58.7	76.5	23.0	31.1	75.5	101.9	29.9	38.7	98.2	127.1	38.1	53.2	124.8	174.7			53.2	78.0	174.6	256.1
440	8.9 x 6.7	16.3	26.2	53.6	85.9	18.3	23.9	60.1	78.3	23.5	31.8	77.3	104.3	30.6	39.6	100.5	130.0	38.9	54.5	127.7	178.7			54.4	79.9	178.6	262.0
450	9.1 x 6.9	16.7	26.8	54.8	87.9	18.7	24.4	61.5	80.1	24.1	32.5	79.0	106.7	31.3	40.5	102.8	133.0	39.8	55.7	130.6	182.7			55.7	81.7	182.7	267.9
460	9.3 x 7.0	17.1	27.4	56.0	89.8	19.2	25.0	62.8	81.9	24.6	33.2	80.8	109.1	32.0	41.4	105.1	135.9	40.7	56.9	133.5	186.8			56.9	83.5	186.7	273.8
470	9.6 x 7.2	17.5	28.0	57.3	91.8	19.6	25.5	64.2	83.7	25.2	34.0	82.6	111.4	32.7	42.3	107.4	138.9	41.6	58.2	136.4	190.8			58.1	85.3	190.7	279.8
480	9.8 x 7.3	17.8	28.6	58.5	93.8	20.0	26.0	65.6	85.5	25.7	34.7	84.3	113.8	33.4	43.2	109.6	141.8	42.5	59.4	139.3	194.9			59.4	87.1	194.8	285.7
490	10.0 x 7.5	18.2	29.2	59.7	95.7	20.4	26.6	67.0	87.3	26.2	35.4	86.1	116.2	34.1	44.1	111.9	144.8	43.3	60.6	142.2	198.9			60.6	88.9	198.8	291.6
500	10.2 x 7.6	18.6	29.8	60.9	97.7	20.8	27.1	68.4	89.0	26.8	36.1	87.9	118.6	34.8	45.0	114.2	147.7	44.2	61.9	145.1	203.0			61.8	90.7	202.8	297.6
510	10.4 x 7.8	18.9	30.4	62.2	99.6	21.3	27.7	69.7	90.8	27.3	36.9	89.6	121.0	35.5	45.9	116.5	150.7	45.1	63.1	147.9	207.0			63.1	92.5	206.9	303.5
520	10.6 x 7.9	19.3	31.0	63.4	101.6	21.7	28.2	71.1	92.6	27.9	37.6	91.4	123.4	36.2	46.8	118.8	153.6	46.0	64.3	150.8	211.1			64.3	94.3	210.9	309.4
530	10.8 x 8.1	19.7	31.6	64.6	103.6	22.1	28.8	72.5	94.4	28.4	38.3	93.2	125.7	36.9	47.7	121.0	156.6	46.9	65.6	153.7	215.1			65.5	96.1	214.9	315.3
540	11.0 x 8.2	20.1	32.2	65.8	105.5	22.5	29.3	73.9	96.2	28.9	39.0	94.9	128.1	37.6	48.6	123.3	159.5	47.7	66.8	156.6	219.2			66.7	97.9	219.0	321.3
550	11.2 x 8.4	20.4	32.8	67.0	107.5	22.9	29.9	75.3	98.0	29.5	39.8	96.7	130.5	38.3	49.5	125.6	162.5	48.6	68.0	159.5	223.2			68.0	99.7	223.0	327.2
560	11.4 x 8.5	20.8	33.4	68.3	109.4	23.4	30.4	76.6	99.8	30.0	40.5	98.5	132.9	39.0	50.4	127.9	165.4	49.5	69.3	162.4	227.3			69.2	101.5	227.0	333.1
570	11.6 x 8.7	21.2	34.0	69.5	111.4	23.8	31.0	78.0	101.6	30.6	41.2	100.2	135.3	39.7	51.3	130.1	168.4	50.4	70.5	165.3	231.3			70.4	103.3	231.1	339.1
580	11.8 x 8.8	21.6	34.5	70.7	113.4	24.2	31.5	79.4	103.4	31.1	42.0	102.0	137.6	40.4	52.2	132.4	171.3	51.3	71.7	168.1	235.4			71.7	105.1	235.1	345.0
590	12.0 x 9.0	21.9	35.1	71.9	115.3	24.6	32.1	80.8	105.2	31.6	42.7	103.8	140.0	41.1	53.1	134.7	174.2	52.1	73.0	171.0	239.4			72.9	107.0	239.1	350.9
600	12.2 x 9.1	22.3	35.7	73.2	117.3	25.0	32.6	82.2	107.0	32.2	43.4	105.6	142.4	41.8	54.0	137.0	177.2	53.0	74.2	173.9	243.5			74.1	108.8	243.2	356.8

・Apporoximate projection distances are calculated based on lens specifications.Individual lenses may diverge from this fiqure by up to 5% due to slight variations in lens size and shape.